

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080768.D
 Acq On : 26 Jan 2024 13:29
 Operator : JC\MD
 Sample : VN0126WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 02:29:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	133825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	225797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104110	44.300	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.600%		
35) Dibromofluoromethane	8.165	113	74307	49.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.620%		
50) Toluene-d8	10.571	98	300330	52.266	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.540%		
62) 4-Bromofluorobenzene	12.847	95	99292	45.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31349	14.419	ug/l	99
3) Chloromethane	2.359	50	47502	19.225	ug/l	96
4) Vinyl Chloride	2.512	62	35387	17.939	ug/l	97
5) Bromomethane	2.959	94	13934	18.585	ug/l	96
6) Chloroethane	3.118	64	19267	18.002	ug/l	91
7) Trichlorofluoromethane	3.501	101	48418	14.863	ug/l	99
8) Diethyl Ether	3.959	74	23284	16.355	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	4.371	101	31391	17.680	ug/l #	88
10) Methyl Iodide	4.583	142	21106	14.216	ug/l #	85
11) Tert butyl alcohol	5.512	59	34298	86.296	ug/l #	89
12) 1,1-Dichloroethene	4.336	96	29318	14.674	ug/l #	82
13) Acrolein	4.183	56	32881	99.013	ug/l	97
14) Allyl chloride	5.024	41	61719	15.583	ug/l #	91
15) Acrylonitrile	5.718	53	97866	94.295	ug/l	100
16) Acetone	4.424	43	73482	95.239	ug/l #	86
17) Carbon Disulfide	4.718	76	88935	14.553	ug/l	97
18) Methyl Acetate	5.030	43	46717	20.333	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	110230	16.011	ug/l	93
20) Methylene Chloride	5.277	84	36070	16.014	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	32842	16.205	ug/l #	71
22) Diisopropyl ether	6.671	45	140337	18.790	ug/l #	84
23) Vinyl Acetate	6.606	43	547822m	90.119	ug/l	
24) 1,1-Dichloroethane	6.565	63	70762	17.308	ug/l	93
25) 2-Butanone	7.483	43	134522	96.456	ug/l #	73
26) 2,2-Dichloropropane	7.489	77	58350	16.319	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	40562	18.156	ug/l	81
28) Bromochloromethane	7.818	49	35943	18.805	ug/l #	62
29) Tetrahydrofuran	7.836	42	93235	99.184	ug/l #	68
30) Chloroform	7.965	83	65115	16.989	ug/l	87
31) Cyclohexane	8.259	56	63954	17.614	ug/l #	80
32) 1,1,1-Trichloroethane	8.177	97	55471	16.259	ug/l	89
36) 1,1-Dichloropropene	8.371	75	51217	16.592	ug/l	92
37) Ethyl Acetate	7.559	43	55201	18.441	ug/l #	91
38) Carbon Tetrachloride	8.359	117	41840	15.096	ug/l	92
39) Methylcyclohexane	9.606	83	49853	16.876	ug/l #	82
40) Benzene	8.606	78	155375	17.905	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	32722	18.846	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	51715	15.566	ug/l	94
43) Isopropyl Acetate	8.688	43	99334	18.053	ug/l #	88
44) Trichloroethene	9.353	130	33095	16.846	ug/l	93
45) 1,2-Dichloropropane	9.624	63	43190	18.773	ug/l	95
46) Dibromomethane	9.712	93	24221	16.640	ug/l	92
47) Bromodichloromethane	9.888	83	51215	15.852	ug/l	96
48) Methyl methacrylate	9.682	41	42539	16.329	ug/l #	79
49) 1,4-Dioxane	9.694	88	12447	383.468	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	285998	96.348	ug/l #	86
52) Toluene	10.629	92	87928	17.685	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	58653	16.356	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	64754	17.028	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	33100	17.296	ug/l	94
56) Ethyl methacrylate	10.877	69	58141	16.962	ug/l #	74
57) 1,3-Dichloropropane	11.171	76	63094	18.059	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	145265	88.479	ug/l #	83
59) 2-Hexanone	11.200	43	213189	97.288	ug/l	87
60) Dibromochloromethane	11.359	129	32915	16.735	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32352	17.197	ug/l	98
64) Tetrachloroethene	11.106	164	26446	17.055	ug/l	97
65) Chlorobenzene	11.894	112	86381	17.510	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	28467	16.253	ug/l	94
67) Ethyl Benzene	11.965	91	164113	17.422	ug/l	96
68) m/p-Xylenes	12.076	106	116463	35.166	ug/l	90
69) o-Xylene	12.400	106	56958	17.590	ug/l	88
70) Styrene	12.412	104	95069	17.290	ug/l	94
71) Bromoform	12.576	173	20501	17.013	ug/l #	97
73) Isopropylbenzene	12.700	105	145826	17.361	ug/l	98
74) N-amyl acetate	12.500	43	86756	17.211	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	50049	18.164	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	49402m	18.137	ug/l	
77) Bromobenzene	12.982	156	30661	17.186	ug/l	76
78) n-propylbenzene	13.041	91	176250	17.105	ug/l	94
79) 2-Chlorotoluene	13.129	91	104091	15.763	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	117021	16.717	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	19566	16.934	ug/l #	91
82) 4-Chlorotoluene	13.223	91	105585	16.310	ug/l	96
83) tert-Butylbenzene	13.441	119	89341	15.965	ug/l	90
84) 1,2,4-Trimethylbenzene	13.488	105	113090	16.429	ug/l	99
85) sec-Butylbenzene	13.618	105	136536	17.171	ug/l	98
86) p-Isopropyltoluene	13.729	119	104398	16.624	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	52896	16.600	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	53288	16.415	ug/l	97
89) n-Butylbenzene	14.059	91	103090	17.031	ug/l	95
90) Hexachloroethane	14.335	117	17812	15.294	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	51478	17.144	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9300	14.482	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	26765	17.115	ug/l	98
94) Hexachlorobutadiene	15.506	225	10746	14.318	ug/l	99
95) Naphthalene	15.647	128	96038	15.604	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	24990	16.509	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

